B

CLUSTER

T7
TNORM

120

REROUTER

312   311

E

T1
TNORM

T1

OBSERVER

321

110

A

Fig.1

OBSERVE — 410

T1 > TNORM ?   NO
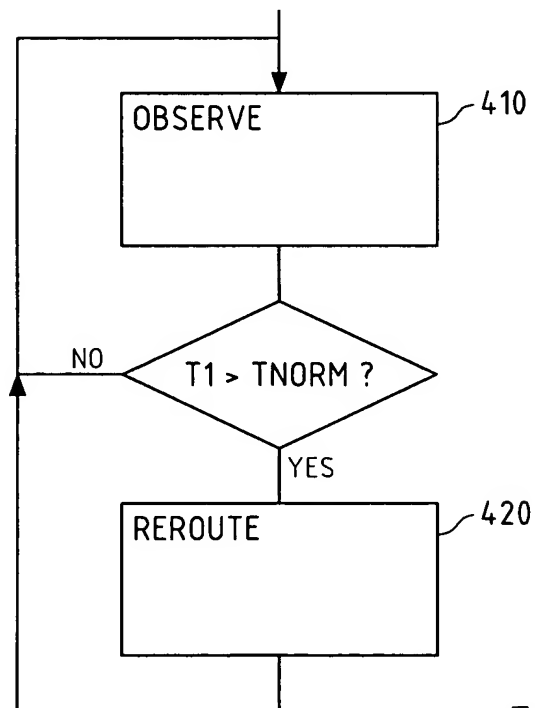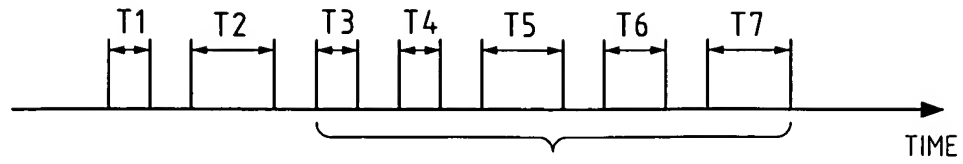
YES

REROUTE — 420

Fig.2

$$TFA = \frac{1}{J} \sum_{j=0}^{j=J-1} T(k-j)$$

$$TFA = \frac{1}{5} [T7 + T6 + T5 + T4 + T3]$$

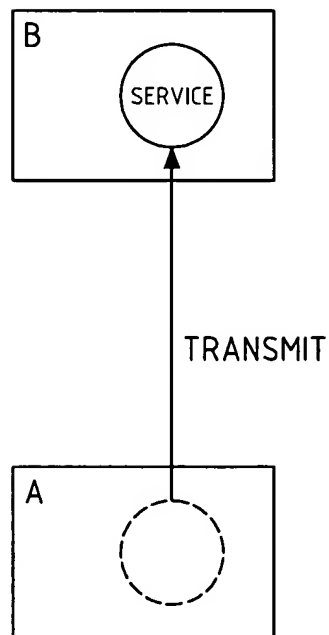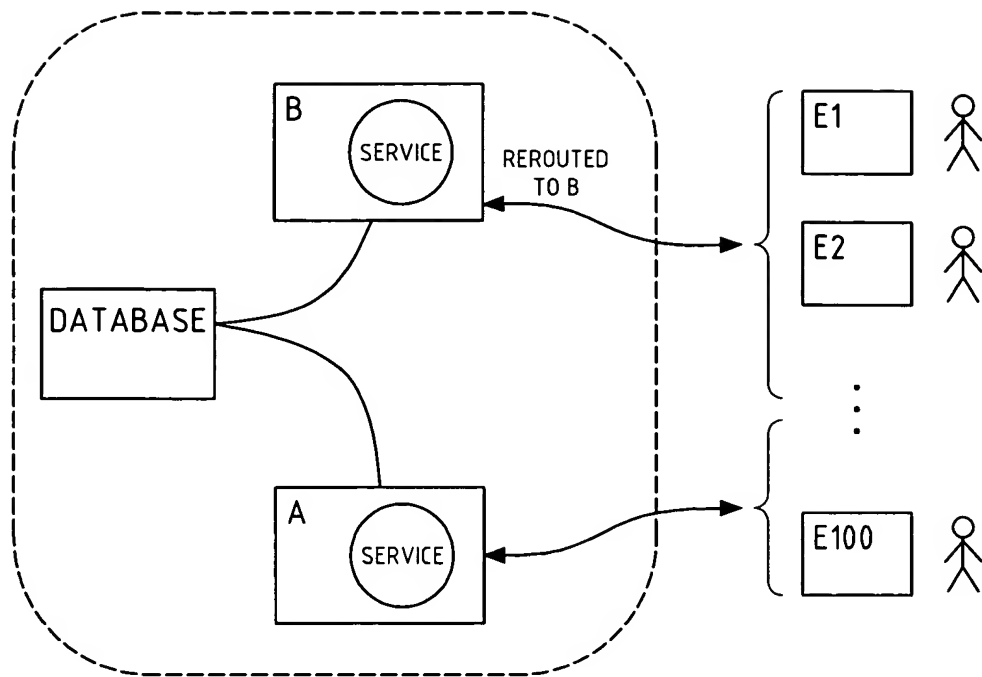$$= \frac{1}{5} (20 + 15 + 20 + 10 + 10) Z$$
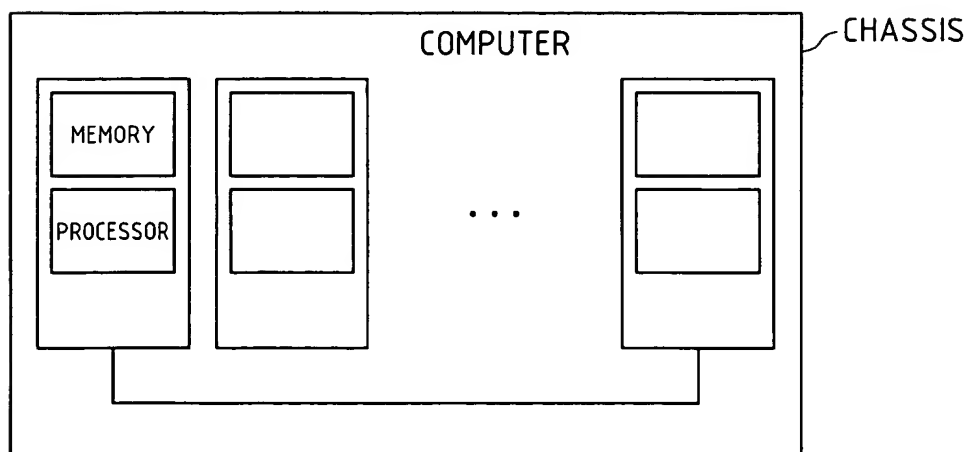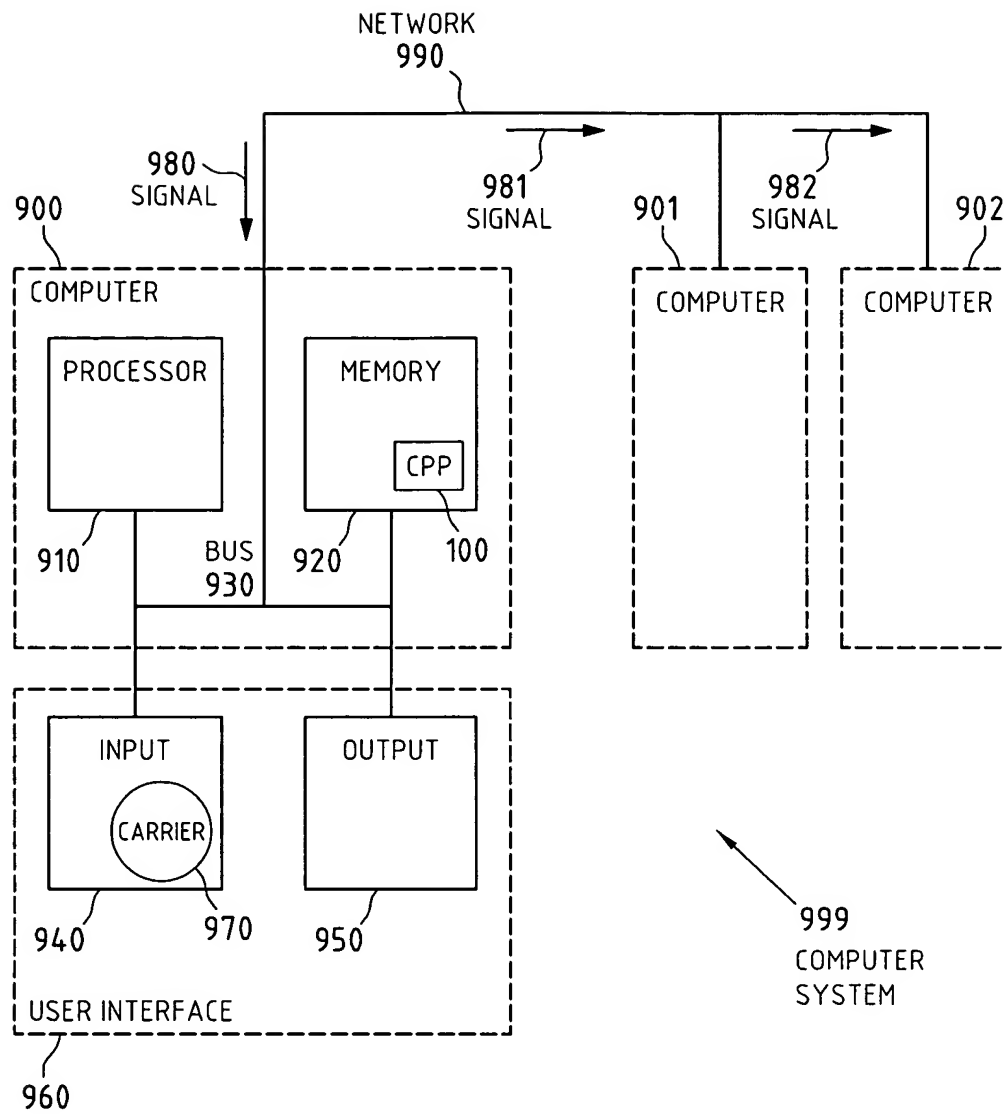
$$= 15 Z$$

Fig.3

Fig.4

B

SERVICE

REROUTED
TO B

DATABASE

A

SERVICE

E1

E2

E100

Fig.5

COMPUTER

CHASSIS

MEMORY

PROCESSOR

. . .

Fig.6

NETWORK
990

980
SIGNAL

900

981
SIGNAL

901

982
SIGNAL

902

COMPUTER

PROCESSOR

MEMORY

CPP

910

BUS
930

920

100

COMPUTER

COMPUTER

INPUT

OUTPUT

CARRIER

940

970

950

USER INTERFACE

960

999
COMPUTER
SYSTEM

Fig.7